

CLAIM AMENDMENTS:

1. **(original)** A composition for the culture of cells or tissues comprising an albumin substitute, wherein the albumin substitute includes polyethylene glycol at a concentration of at least approximately 1% by weight.

2. **(original)** The composition of Claim 1, further comprising a transferrin substitute and an insulin substitute, where the composition is free from animal proteins other than recombinant proteins.

3. **(original)** A composition according to Claim 1, further comprising sodium erythorbate.

4. **(original)** A composition comprising:
protein and serum free cell culture base; and
at least 1% polyethylene glycol by weight.

5. **(original)** The composition of Claim 4, wherein the composition is free from animal proteins other than recombinant proteins.

6. **(original)** The composition of Claim 4, wherein the polyethylene glycol substitutes for all or part of the amount of albumin normally required to culture cells or tissues in the composition.

7. **(original)** The composition of Claim 6, wherein the composition contains substantially no albumin.

8. **(original)** The composition of Claim 4, further comprising a transferrin substitute and an insulin substitute.

9. **(original)** The composition of Claim 4, further comprising sodium erythorbate.

10. **(original)** The composition of Claim 9, further comprising less than 0.1% by weight sodium erythorbate.

11. **(original)** The composition of Claim 10, further comprising less than $5 \times 10^{-3}\%$ by weight sodium erythorbate.

12. **(original)** The composition of Claim 4, further comprising between 1% and 5% polyethylene glycol by weight.

13. **(original)** The composition of Claim 4, further comprising between 1% and 3% polyethylene glycol by weight.

14. **(original)** The composition of Claim 4, where the polyethylene glycol has a has a molecular weight of between 50 and 100,000 daltons.

15. **(original)** The composition of Claim 14, wherein the polyethylene glycol has a molecular weight of approximately 20,000 daltons.

16. **(original)** The composition of Claim 4, further comprising an additional substance complexed with the polyethylene glycol.

17. **(original)** The composition of Claim 16, wherein the additional substance is a liquid.

18. **(original)** The composition of Claim 16, wherein the additional substance is a growth factor.

19. **(original)** The composition of Claim 4, wherein the composition is in the form of a powder.

20. **(original)** A cell or tissue culture medium comprising:
protein and serum free cell culture base; and
at least 10 g/l polyethylene glycol.

21. **(currently amended)** The medium of Claim 20, wherein the medium is free from animal proteins other than recombinant proteins.

22. **(currently amended)** The medium of Claim ~~[[21]]~~20, wherein the polyethylene glycol substitutes for all or part of the amount of albumin normally required to culture cells or tissues in the medium

23. **(original)** The composition of Claim 22, wherein the composition contains substantially no albumin.

24. **(original)** The medium of Claim 22, further comprising albumin.

25. **(original)** The medium of Claim 24, wherein the albumin concentration is less than 5 g/l.

26. **(currently amended)** The medium of Claim ~~[[21]]~~20, further comprising a transferrin substitute and an insulin substitute.

27. **(currently amended)** The medium of Claim ~~[[21]]~~20, further comprising sodium erythorbate.

28. **(currently amended)** The medium of Claim ~~[[21]]~~20, further comprising less than 1 g/l sodium erythorbate.

29. **(original)** The medium of Claim 28, further comprising less than 50 mg/l sodium erythorbate.

30. **(currently amended)** The medium of Claim ~~[[21]]~~20, further comprising between 10 g/l and 50 g/l polyethylene glycol.

31. **(original)** The medium of Claim 30, further comprising between 10 g/l and 30 g/l polyethylene glycol.

32. **(currently amended)** The medium of Claim ~~[[21]]~~20, where the polyethylene glycol has a molecular weight of between 50 and 100,000 daltons.

33. **(original)** The medium of Claim 32, wherein the polyethylene glycol has a molecular weight of approximately 20,000 daltons.

~~[[33]]~~34. **(currently amended)** The medium of Claim ~~[[21]]~~20, further comprising an additional substance complexed with the polyethylene glycol.

~~[[34]]~~35. **(currently amended)** The medium of Claim ~~[[33]]~~34, wherein the additional substance is a liquid.

~~[[35]]~~36. **(currently amended)** The medium of Claim ~~[[33]]~~34, wherein the additional substance is a growth factor.

[[36]]37. **(currently amended)** A method of culturing animal cells or tissues comprising:

preparing cell culture medium including:

a protein and serum free cell culture base; and

at least 10 g/l polyethylene glycol; and

placing animal cells or tissues to be cultured in the cell culture medium

[[37]]38. **(currently amended)** The method of Claim **[[36]]37**, wherein the cell culture medium further comprises sodium erythorbate.